Fig.1

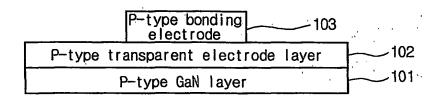


Fig.2

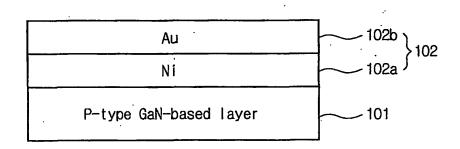


Fig.3

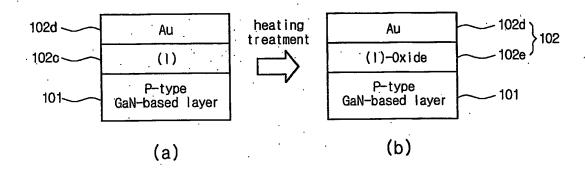


Fig.4

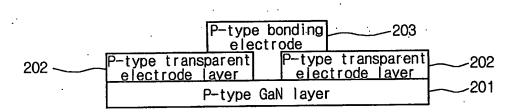
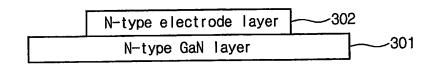


Fig.5



. Fig.6

conductive oxidation preventive layer	406
third metal-Al compound layer	405
first metallic layer	404
first metal-Ga compound layer	403
P ⁺ -(In, AI) GaN layer	402
P-(ln, Al) GaN layer	401

Fig.7

	_
conductive oxidation preventive layer	406
third metal-Al compound layer	405
first metallic layer	404
first metal-Ga compound layer	403
P-type transparent electrode layer	410
P ⁺ -(In, AI) GaN layer	402
P-(In, AI) GaN layer	401
	_

Fig.8

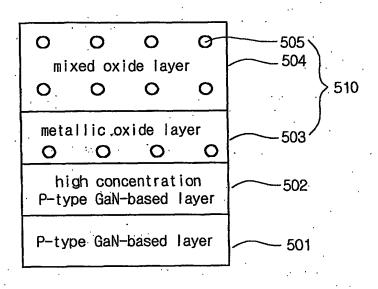


Fig.9

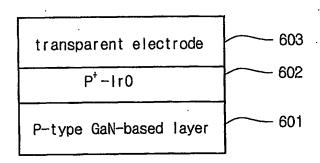


Fig. 10

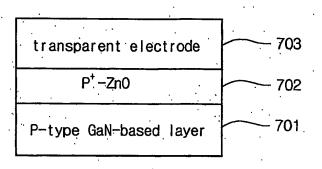


Fig. 11

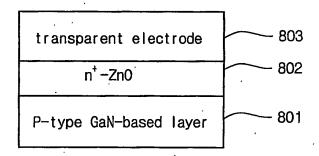


Fig. 12

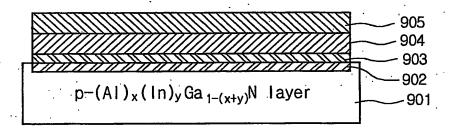


Fig. 13

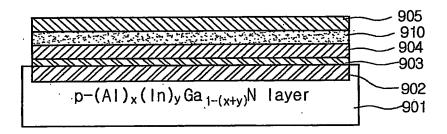


Fig. 14

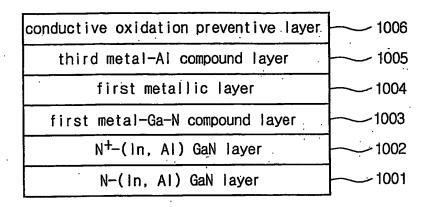


Fig. 15

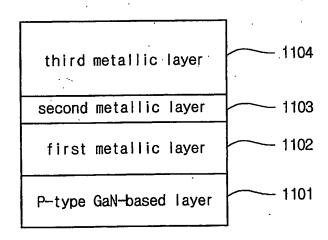


Fig. 16

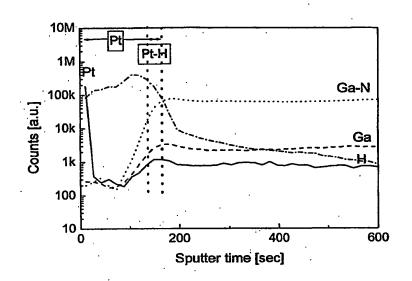


Fig.17

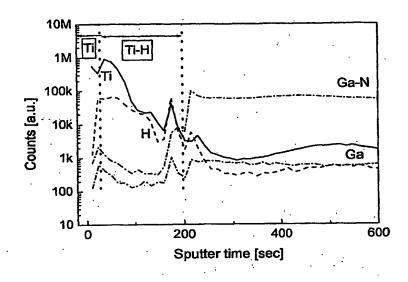


Fig. 18

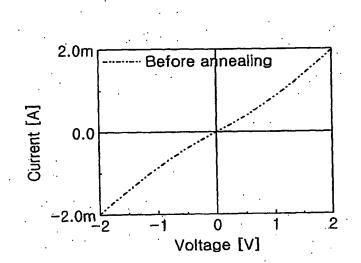


Fig. 19

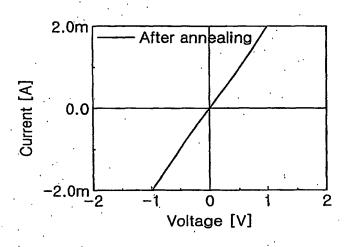


Fig.20

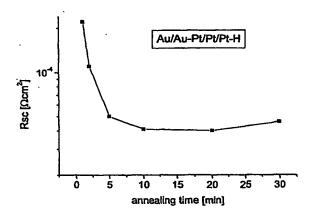


Fig.21

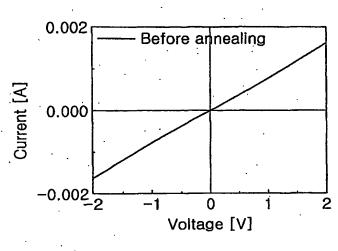
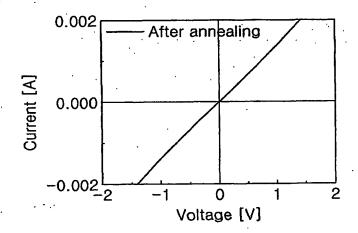
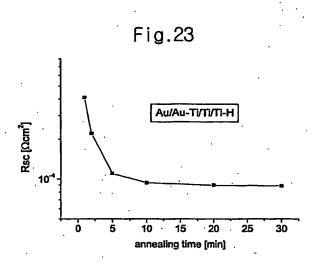


Fig.22





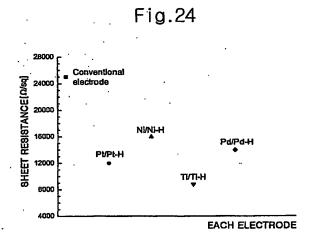


Fig.25

